

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electronic key system for a motorcycle, comprising:
 - a control apparatus mounted on the motorcycle,[[and]]
 - an electronic key for transmitting a response signal in response to receiving a request signal transmitted from said control apparatus through a transmitting antenna, [[wherein]]
 - an instrument panel[[is]] disposed around a handle bar near the center of rotation of said handle bar, and
 - a warning lamp installed around said control apparatus for indicating a receiving state of said response signal,
 - wherein said instrument panel turns as said handle bar turns,
 - wherein said transmitting antenna is installed on said instrument panel of said motorcycle or a framework surrounding said instrument panel of said motorcycle,
 - wherein said transmitting antenna is installed near the center of rotation of said handle bar, and
 - wherein said transmitting antenna has a first range of transmission, said electronic key has a second range of transmission, and said first range of transmission is smaller than said second range of transmission.
2. (Previously Presented) An electronic key system for a motorcycle according to claim 1,
 - wherein said instrument panel has one or more instruments and a board for securing said instruments thereto, and
 - wherein said transmitting antenna is provided on said board.
3. (Previously Presented) An electronic key system for a motorcycle according to claim 2,
 - wherein said transmitting antenna is installed at a position on said board rather near to a seat.
4. (Previously Presented) An electronic key system for a motorcycle according to claim 1, further comprising a shade mounted around said instrument panel, and wherein said transmitting antenna is installed on said shade.

5. (Previously Presented) An electronic key system for a motorcycle according to claim 4, wherein said shade is made of a resin.
6. (Previously Presented) An electronic key system for a motorcycle according to claim 4, wherein said transmitting antenna is installed on an inner wall surface of said shade.
7. (New) An electronic key system for a motorcycle according to claim 1, wherein:
 - said request signal is output every fixed interval of time in response to a starting operation of said motorcycle,
 - a presence of said response signal is observed based on said output of said request signal,
 - a count value is updated if said response signal is not detected within a predetermined period of time, and
 - said warning lamp is driven when said count value becomes higher than a predetermined value.